

PRELIMINARY AMENDMENT

Serial Number: Unknown

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Title: METHOD OF MAKING A STIMULATOR ELECTRODE WITH A CONDUCTIVE POLYMER COATING (as amended)

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Dkt: 1080.165US3

In the Claims

Please cancel claims 8-25 without prejudice and disclaimer, and add new claims 26-48, as follows:

26. (New) The composition of claim 1 wherein the ionically conductive polymeric composition comprises an electrically conductive ionic species.
27. (New) The composition of claim 1 wherein the ionically conductive polymeric composition further comprises antithrombotic, anticoagulant, anti-infection or thrombolytic agents, or a combination thereof.
28. (New) The composition of claim 1 wherein the ionically conductive polymeric composition further comprises plasticizer salts.
29. (New) The composition of claim 1 wherein the polymer is selected from the group consisting of polyethylene oxide, polyethylene terphthalate, hydrogels and polyacrylates.
30. (New) The composition of claim 6 wherein the inorganic filler is selected from the group consisting of high surface area alumina and high surface area silica.
31. (New) An ionically conductive polymeric composition comprising:
a biocompatible polymer; and
a biocompatible ionic carrier.
32. (New) The composition of claim 31 further comprising a solvent.
33. (New) The composition of claim 31 wherein the polymer is selected from the group consisting of polyethylene oxide, polyethylene terphthalate, hydrogels and polyacrylates.

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34. (New) The composition of claim 31 wherein the composition further comprises an inorganic filler.
35. (New) The composition of claim 34 wherein the inorganic filler is selected from the group consisting of high surface area alumina and high surface area silica.
36. (New) The composition of claim 31 wherein the ionically conductive polymeric composition further comprises plasticizer salts.
37. (New) An ionically conductive polymeric composition comprising:
5-10% polyethylene oxide; and
1-2% NaCl.
38. (New) The composition of claim 37 further comprising a 50:50 ratio alcohol:water.
39. (New) The composition of claim 37 wherein the polyethylene oxide having a molecular weight from about 100 kd to about 5,000 kd.
40. (New) The composition of claim 37 wherein the composition further comprises an inorganic filler.
41. (New) The composition of claim 40 wherein the inorganic filler is selected from the group consisting of high surface area alumina and high surface area silica.
42. (New) The composition of claim 37 wherein the ionically conductive polymeric composition further comprises plasticizer salts.
43. (New) An ionically conductive polymeric composition comprising:
5-10% polyethylene oxide; and
1-2% NaCl